

PI 542960. *Arachis hypogaea* L. subsp. *hypogaea* FABACEAE Peanut

Donated by: Branch, W.D., Georgia Agr. Exp. Stas., University of Georgia, Tifton, Georgia, United States. **remarks:** Georgia Runner Peanut. Received July 30, 1990.

origin: United States. **origin institute:** Georgia Agr. Exp. Stas., University of Georgia, Tifton, Georgia 31793-0748. **cultivar:** GEORGIA RUNNER. **pedigree:** Spanish mutant-type, Krinkle-leaf/PI 331334. **other id:** CV-41. **group:** CSR-PEANUT. **remarks:** Highly productive runner type with large percentage of jumbo runner seed. Four year (1986-89) mean field performance (20 tests) found significantly higher yield and dollar return by approximately 5%, respectively, over cultivar Florunner. Significantly higher percentage (ca. 7%) of extra large seed (>0.85 x 2.54 cm screen) than Florunner. Typical runner growth habit with large proportion. Cultivar. Seed.

PI 542961. *Arachis hypogaea* L. FABACEAE Peanut

Donated by: Branch, W.D., Georgia Agr. Exp. Sta., University of Georgia, Tifton, Georgia, United States; and Agricultural Research Service -- USDA. **remarks:** CPES Peanut Germplasm Population. Received July 30, 1990.

origin: United States. **origin institute:** Georgia Agr. Exp. Stas., University of Georgia, Tifton, Georgia 31793-0748. **cultivar:** CONVERGENT PEANUT EARLY-SEGREGATING. **pedigree:** Sixteen diverse parental lines. **other id:** GP-55. **group:** CSR-PEANUT. **remarks:** Unselected broad-base germplasm material developed by compositing F2-generation progenies which were systematically bulked for subsequent disease and insect screening. Variability includes an array of characteristics such as growth habit, maturity, pod shape, seed size, testa color, etc. Convergent hybridization scheme included four different crossing cycles and. Breeding Material. Seed.

PI 542962. *Sorghum bicolor* (L.) Moench POACEAE Sudangrass

Donated by: York, J.O., Arkansas Agricultural Experiment Sta., Plant Science 115, Fayetteville, Arkansas, United States. Received June 28, 1990.